

Status of Claims

Claim 3 is pending and has not been amended in this amendment.

Claim 1 (canceled)

Claim 2 (canceled)

Claim 3 (previously presented)

A non-rotating circular core cutting knife and an indexing means therefore, comprising;

a) a circular knife defining a central orifice and a positional index adjacent to the central orifice,

b) a knife mounting mandrel sized to pass through and closely fit the central orifice,

c) a positional index engaging means (41) secured to the mandrel,

d) a means for securing the knife in place on the mandrel,

e) a worm gear secured to the mandrel,

f) a worm shaft having as a part thereof a worm and the worm is operably engaged with the worm gear,

g) an overrunning coupling operably secured to the worm shaft so that the coupling in an engaged portion of a cycle, indexes the knife in the direction of rotation of a core being cut,

h) a means (17) for counting cutting cycles of the knife and a means (18) for counting indexing cycles of the indexing means,

i) a means (18) for activating the knife indexing means when a preset number of cutting cycles has been completed and a means (38) for terminating cutting operations when a predetermined number of indexing cycles has been completed and a predetermined number of cutting cycles has been completed.